

TOP SECRET 192047Z CITE

1967 JUN 19 21 02Z

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OX CART

Declassification Review by NGA/DoD

SUBJ: TECHNICAL EVALUATION OF O NEG. FROM MISSIONS BSX 001 AND
BSX 003.

REF DATED 14 JUNE 1967

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A COMPREHENSIVE EVALUATION OF THE ORIGINAL NEGATIVES FROM BOTH MISSIONS INDICATE THE FOLLOWING:

1. THE METERING VARIES FROM NORMAL TO A MAXIMUM OF TWO INCHES OF OVERLAP IN ISOLATED INSTANCES. THE OVERLAPPING DOES NOT FOLLOW A PATTERN AND CANNOT BE ATTRIBUTED TO VEHICLE MANEUVERING.

2. THE NEGATIVES ARE UNDEREXPOSED THROUGHOUT BOTH MISSIONS
FULL PROCESSING PROVIDED NEGATIVES OF ADEQUATE DENSITY. AN
INCREASE IN EXPOSURE SHOULD PROVIDE THE NECESSARY ENERGY FOR
OPTIMUM PROCESSING AND THE REPRODUCTION OF BETTER DUPE POSITIVES

3. THE DATA CHAMBER RECORDED INFORMATION THROUGHOUT BOTH MISSIONS. THE EXPOSURE WAS ADEQUATE AND THE DATA IS READILY READABLE.

4. THE PROCESSING OF THE NEGATIVE IS GOOD.

5. THE QUALITY OF THE IMAGERY PROVIDES GROUND RESOLUTIONS FROM [] WHERE IT IS NOT DEGRADED BY ATMOSPHERICS.

IN TWO FRAMES DURING THE LOW ALTITUDE PORTION OF BSX 001 THERE ARE AREAS OF SOFT IMAGERY THAT ARE ATTRIBUTED TO THE LIMITATIONS OF THE IMC EQUIPMENT AT THESE LOW ALTITUDES. MISSION BSX 003 CONTAINS ISOLATED INSTANCES OF SMEARED IMAGERY THAT HAS TENTATIVELY BEEN ATTRIBUTED TO VEHICLE MANEUVERING TOGETHER WITH CONTINUAL CHANGES FROM A CAGED TO AN UNCAGED CAMERA STATUS.

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2	OS	
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NEGATIVES IS CONSISTENT WITH THE FOLLOWING EXCEPTIONS.

(A) BSX 001 - DURING THE LOW ALTITUDE PORTION OF THE MISSION (29,700' TO 65,100') THE GROUND RESOLUTION IMPROVES TO APPROXIMATELY THIS IS ATTRIBUTED TO BETTER SCALE PHOTOGRAPHY AND BETTER ATMOSPHERIC CONDITIONS.

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(B) BSX 003 - WHERE PORTIONS OF FRAMES OF THE PHOTOGRAPHY ARE DEGRADED BY SMEARING THE GROUND RESOLUTIONS EXCEED

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7. PHYSICAL DEFECTS ARE MINIMAL. FOREIGN MATTER IN THE SLIT APERTURE PRODUCE THIN MINUS DENSITY LINES ON THE NEGATIVE. WHEN THE PROGRAMMED V/H OR CAGED INDICATOR LAMPS ARE LIT THERE IS A FINE PLUS DENSITY LINE THROUGHOUT THE AFT FRAMES IN MISSION BSX 001 ONLY.

8. THE EVALUATION ON MISSION BSX 003 HAS NOT BEEN COMPLETED, BUT HAS PROGRESSED SUFFICIENTLY TO DETERMINE THE STATEMENTS CONTAINED IN THIS MESSAGE.

T O P S E C R E T

END OF MESSAGE